

## **EXACT8, 10XM8, 3POLE, MOULDED CABLE**

10.0m PUR 10x0,34+2x0,75

10-way, 3-pole for NPN signals 24 V DC Further cable lengths on request.

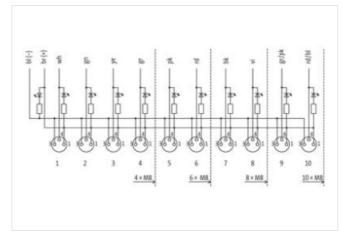
Plastic housings with good resistance against chemicals and oils.

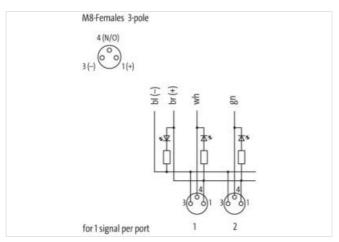
The resistance to aggressive media should be individually tested for your application. Further details on request.

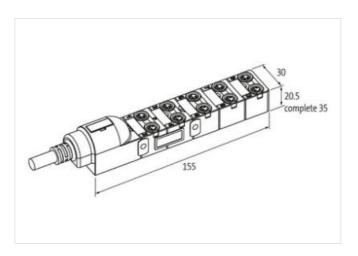
## **Link to Product**

## Illustration









Product may differ from Image









Commercial data	
ECLASS-6.0	27279219
ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-8.0	27279219



stay connected

ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879056915
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Current operating per contact max.	2 A
Total current max.	8 A
Industrial communication	
Number of signals per port	1
Installation   Connection	
Mounting set	M8 x 1
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
	II 00, II 07
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	
Material housing	Plastic
Mechanical data   Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	80 °C
Additional condition temperature range	depending on cable quality
Installation   Cable	
Cable identification	384
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
Banding	Fleece
wire arrangement	red, black, violet, (pink, gray, yellow, green, white, brown, blue, red-blue, gray-pink)
Cable weigth	121 g/m
Material jacket	PUR
Shore hardness jacket	89 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free
Outer-diameter (jacket)	9,3 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	TPE-E
Amount wires	10
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free
Ingredient freeness wire insulation Amount strands (wire)	lead-free, cadmium-free, CFC-free, halogen-free 19

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-05



## stay connected

Material conductor wive   Stranded coper wire, bare	Diameter of single wires	0.15 mm
Material conductor wire   Stranded copper wire, bare   Conductor type (wire)   Strand class 5   Stranded copper wire, bare   Conductor type (wire)   Strand class 5   Stranded class 5   Conductor type (wire)   Strand class 5   Stranded class 5   Conductor (class)   Stranded class 5   Stranded class 5   Store D   Improdent reconsers wire insulation (Data)   1.5 mm   Colorance outer diameter wire (Data)   1.5 mm   Colorance outer diameter wire (Data)   1.5 mm   Colorance outer of single wires (Data)   2.2 mm   Conductor or single wires (Data)   0.2 mm   Conductor or single wires (Data)   0.3 mm   Conductor or single wires (Data)   0.3 mm   Conductor or single wires (Data)   0.3 mm   Conductor or single wires (Virginal Conductor or single (conductor or o	Diameter of single wires	0,15 mm
Conductor type (wire)         Strand class 5           Traversing distance (C-track)         5 m @ 25 °C   horizontal           Material wire insulation (Data)         TPE E           Outer diameter wire insulation (Data)         1.8 mm           Toferance outer dameter wire insulation (Data)         55 ± 5 Shore D           Ingredient freeness wire insulation (Data)         55 ± 5 Shore D           Ingredient freeness wire insulation (Data)         2           Amount strands were (Data)         2           Conductor crosseserion were (Data)         0.7 5 mm²           Diameter of single wires (Data)         0.7 5 mm²           Material conductor wire (Data)         9.7 5 mm²           Material conductor wire (Data)         Stranded copper wire, bare           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity min. Wire (Data)         4 A           Current load capacity min. Wire (Data)         12 A           Electrical resistance line constant view         57 Ω km @ 20 °C           Electrical resistance line constant view (Data)         2 kM @ 60 s           Min. operatin		·
Traversing distance (C Irack)         5 m @ 25 °C   horizontal           Matterial wire insulation (Data)         TPE-E           Outred idameter wire insulation (data)         1,8 mm           Tolerance outser diameter wire insulation (pala)         1.5 °S. Shore D           Ingredient freeness wire insulation (Data)         55 °S. Shore D           Ingredient freeness wire insulation (Data)         lead-free, cadmium-free, CFC-free, halogen-free           Amount wires (Data)         2           Amount stands wire (Data)         24           Diameter of single wires (Data)         0,2 mm           Conductor or speciation wire (Data)         0,2 mm           Material conductor wire (Data)         0,75 mm²           Material conductor vive (Data)         Strand class 5           Wire conductor ryse (Data)         Strand class 5           Wire conductor vive (Data)         Strand class 5           Max. rated voitage (conductor - cround)         300 V           Max. rated voitage (conductor - cround)         300 V           Current load capacity min. Wire (Data)         12 A           Electrical resistance intercental wire (Data)         22 C Mm @ 20 °C           Electrical resistance intercental wire (Data)         22 C Mm @ 20 °C           Electrical resistance (Siech)         80 °C           Operating		
Material were insulation (Data)   TPE-E		
Outer diameter wire insulation (Data)         1,8 mm           Tolerance outer diameter wire insulation (data)         5 ± 5 Shore D           Amount wires (Data)         2           Amount wires (Data)         2           Diameter of single wires (Data)         0.2 mm           Conductor crosssection wire (Data)         0.2 mm           Conductor crosssection wire (Data)         0.75 mm²           Material conductor wire (Data)         Stranded copper wire, bare           Wire conductor View (Data)         Stranded copper wire, bare           Current load capacity (Sandard)         to DIN VDE 0298-4           Current load capacity (Sandard)         to DIN VDE 0298-4           Current load capacity (Sandard)         12 A           Electrical resistance (Inconstant wire Sandard)         22 AV © 60 s           Electrical resistance (Inconstant wire Sandard)         24 A © 60 s		<u> </u>
Tolerance outer diameter wire insulation (Data)         5 5 5 5 Shore D           Shore hardness wire insulation (Data)         55 1 5 Shore D           Impredient feeness wire insulation (Data)         55 1 5 Shore D           Amount wires (Data)         2           Amount strands wire (Data)         24           Diameter of single wires (Data)         0.2 mm           Conductor crosssection wire (Data)         0.75 mm²           Markeral conductor wire (Data)         Strand class 5           Max. rada violage (conductor -conductor)         300 V           Current load capacity (standard)         10 DN VDE 0289-4           Current load capacity min. Wire (Data)         12 A           Electrical resistance line constant wire         57 Okm @ 20 °C           Electrical resistance positing wire (Data)         2 kV @ 60 s           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - great)         80 °C           Operating temperature (static)         40 °C           Min. operating temperature (static)         40 °C           Power frequency withstand voltage (wire - great)         80 °C           Operating temperature (static)         80 °C           Operating temperature (static)         80 °C           Operating temperature (static)         <		
Shore hardness wire insulation (Data)         55 ± 5 Shore D           Ingredient freeness wire insulation (Data)         lead-free, cadmium-free, CFC-free, halogen-free           Amount wires (Data)         2           Amount wires (Data)         24           Diameter of single wires (Data)         0.2 mm           Conductor crosssection wire (Data)         Stranded copper wire, bare           Material conductor wire (Otata)         Stranded copper wire, bare           Wire conductor type (Data)         Stranded states 5           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity min. wire         4 A           Current load capacity min. wire         4 A           Current load capacity min. wire (Data)         12 A           Electrical resistance coating wire (Data)         26 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         26 Q/km @ 20 °C           AC withstand voltage (wire - vire)         2 kV @ 60 s           Power frequency withstand voltage (wire - packet)         2 kV @ 60 s           Min. operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         5 °C           Operating temperature max. (dynamic)         5 °C           Condin		·
Ingredient freeness wire insulation (Data) lead-free, cadmium-free, CFC-free, halogen-free Amount wires (Data) 24  Diameter of single wires (Data) 0,2 mm Conductor oriossection wire (Data) Strand closes 5  Max. rated voltage (conductor - conductor) 300 V  Gurrent load capacity fish wires  Wire conductor type (Data) Strand closes 5  Max. rated voltage (conductor - conductor) 300 V  Current load capacity fish wires  A A  Current load capacity min. wire 4 A  Electrical resistance conting wire (Data) 25 CW 60 S  Electrical resistance conting wire (Data) 26 CW 70 S S S S S S S S S S S S S S S S S S		
Amount wires (Data)         2           Amount strands wire (Data)         24           Diameter of Single wires (Data)         0,2 mm           Conductor crosssection wire (Data)         0,75 mm²           Material conductor wire (Data)         Stranded copper wire, bare           Wire conductor vire (Data)         Strand class 5           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         10 DIN VDE 0298-4           Current load capacity (standard)         10 DIN VDE 0298-4           Current load capacity min. wire         4 A           Current load capacity min. Wire (Data)         12 A           Electrical resistance line constant wire         57 Ω/m @ 20 °C           Electrical resistance orading wire (Data)         2 KV @ 60 s           Power frequency withstand voltage (wire - iacker)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (incid)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         80 °C           Chemical resistance         Good, application-related testing           Grassinace         Good, application-related t		
Amount strands wire (Data) 24  Diameter of single wires (Data) 0,2 mm  Conductor respection wire (Data) 0,75 mm²  Material conductor vive (Data) Stranded copper wire, bare  Wire conductor type (Data) Strand class 5  Max. rated voltage (conductor - conductor) 300 V  Max. rated voltage (conductor - ground) 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity (init. wire 4 A  Current load capacity (init. wire 4 A  Current load capacity (init. wire 57 Ω/km @ 20 °C  Electrical resistance ine constant vive 57 Ω/km @ 20 °C  AC withstand voltage (wire - wire) 2 kV @ 60 s  Electrical resistance coating wire (Data) 2 kV @ 60 s  Power frequency withstand voltage (wire - wire) 2 kV @ 60 s  AC withstand voltage (wire - wire) 2 kV @ 60 s  Power frequency withstand voltage (wire - wire) 2 kV @ 60 s  Coperating temperature (fixed) 60 °C  Operating temperature (fixed) 80 °C  Operating temperature mix. (dynamic) 80 °C  Generating temperature mix. (dynamic) 80 °C  Generating temperature mix. (dynamic) 80 °C  Gaocine resistance Good, application-related testing  Gli resistance DIN EN 60811-404 (Good, application-related testing)  Gli resistance Dink EN 60811-404 (Good, application-related testing)  Bending radius (fixed) 7.5 × Outer diameter  Bending radius (fixed) 7.5 × Outer diameter  Bending radius (fixed) 7.5 × Outer diameter  Bending radius (gynamic) 10 × Outer diameter  Bending radius (gynamic) 10 × Outer diameter  Family construction form MB  Gender female  Color contact carrier black  Color contact carrier black  Color contact carrier black  Color on polos 3  PiN 1  PiN 1  PiN 1		
Diameter of single wires (Data)         0,2 mm           Conductor crosssection wire (Data)         0,75 mm²           Markarial conductor wire (Data)         Stranded copper wire, bare           Wire conductor type (Data)         Strand class 5           Max. rated voltage (conductor - conductor)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. Wire         4 A           Current load capacity min. Wire (Data)         12 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Electrical resistance line constant wire         57 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         80 °C           Max. operating temperature (fixed)         90 °C           Operating temperature max. (dynamic)         5° °C           Operating temperature max. (dynamic)         5° °C           Operating temperature max. (dynamic)         5° °C           Gasolin resistance         Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (installation)         x Outer diameter           Bendi	Amount wires (Data)	
Conductor crosssection wire (Data)         0,75 mm²           Material conductor wire (Data)         Stranded copper wire, bare           Wire conductor type (Data)         Strand class 5           Max. rated voltage (conductor - ground)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         10 IN VDE 0298-4           Current load capacity min. Wire (Data)         12 A           Electrical resistance ine constant wire         57 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         26 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - jackel)         2 kV @ 60 s           Min. operating temperature (Static)         40 °C           Operating temperature min. (dynamic)         5 °C           Operating temperature max. (dynamic)         80 °C           Pame resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (installation)         x Outer diameter           Bending radius (installation)         x Outer diameter           Travel speed (C-track)         5 Min. @ 25 °C <td< td=""><td>Amount strands wire (Data)</td><td>24</td></td<>	Amount strands wire (Data)	24
Material conductor wire (Data)         Strand class 5           Wire conductor type (Data)         Strand class 5           Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Current load capacity min. wire (Data)         12 A           Electrical resistance constant wire         57 O/km @ 20 °C           Electrical resistance coating wire (Data)         26 O/km @ 20 °C           Electrical resistance coating wire (Data)         2 kV @ 60 s           Power frequency withstand voltage (wire - jackel)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (static)         -40 °C           Max. operating temperature (static)         80 °C           Operating temperature min. (dynamic)         5° °C           Operating temperature min. (dynamic)         6° °C           Flame resistance         IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Oil resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (fixed)         7.5 × Outer diameter </td <td>Diameter of single wires (Data)</td> <td>0,2 mm</td>	Diameter of single wires (Data)	0,2 mm
Wire conductor type (Data)         Strand class 5           Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - conductor)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         4 A           Current load capacity min. Wire (Data)         12 A           Electrical resistance len constant wire         57 Cykm @ 20 °C           Electrical resistance coating wire (Data)         26 Cykm @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - isaket)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature max. (dynamic)         -5 °C           Operating temperature max. (dynamic)         80 °C           Flame resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Gasoline resistance         DIN EN 60811-404 (Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (installation)         x Outer diameter           Framily construction form         free cable end <tr< td=""><td>Conductor crosssection wire (Data)</td><td>0,75 mm<sup>2</sup></td></tr<>	Conductor crosssection wire (Data)	0,75 mm <sup>2</sup>
Max. rated voltage (conductor - conductor)         300 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. Wire (Data)         12 A           Electrical resistance inc constant wire         57 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         2 kV @ 60 s           Edertrical resistance coating wire (Data)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Min. operating temperature (fixed)         30 °C           Operating temperature (fixed)         30 °C           Operating temperature mx. (dynamic)         80 °C           Operating temperature mx. (dynamic)         80 °C           Operating temperature mx. (dynamic)         80 °C           Flame resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Gil resistance         DIN EN 60811-404 [ Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (installation)         x Outer diameter           Bending radius (dynamic)         10 x Outer diameter	Material conductor wire (Data)	Stranded copper wire, bare
Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN NDE 0298-4           Current load capacity min. Wire (Data)         12 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         26 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - wire)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature min. (dynamic)         80 °C           Flame resistance         IEC 60332-2-2   UL 1581 § 1909   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (fixed)         7,5 × Outer diameter           Bending radius (fixed)         7,5 × Outer diameter           Travel speed (C-track)         5 Mio. @ 25 °C           Connection type 2           <	Wire conductor type (Data)	Strand class 5
Current load capacity (standard)         to DIN VDE 0288-4           Current load capacity min. Wire         4 A           Current load capacity min. Wire (Data)         12 A           Electrical resistance line constant wire         5 70 km @ 20 °C           Electrical resistance coating wire (Data)         26 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - iacket)         2 kV @ 60 s           Min. operating temperature (static)         40 °C           Max. operating temperature (static)         90 °C           Operating temperature (mixed)         90 °C           Flame resistance         IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Oil resistance         DIN EN 60811-404   Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (installation)         x Outer diameter           Bending radius (fixed)         7,5 x Outer diameter           Family constr	Max. rated voltage (conductor - conductor)	300 V
Current load capacity min. Wire (Data)         12 A           Current load capacity min. Wire (Data)         12 A           Electrical resistance line constant wire         57 Ω/km @ 20 °C           Electrical resistance coating wire (Data)         26 Ω/km @ 20 °C           AC withstand voltage (wire - wire)         2 kV @ 60 s           Power frequency withstand voltage (wire - jacket)         40 °C           Min. operating temperature (static)         40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         5 °C           Operating temperature max. (dynamic)         80 °C           Flame resistance         IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Gil resistance         DIN EN 68011-404   Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (fixed)         7,5 x Outer diameter           Tavel speed (G-track)         5 Mio. @ 25 °C           Connection type 2           Family construction form         free cable end           No. of poles         12           Family construction form         female	Max. rated voltage (conductor - ground)	300 V
Current load capacity min. Wire (Data)         12 A           Electrical resistance line constant wire         57 O/km @ 20 °C           Electrical resistance coating wire (Data)         26 O/km @ 20 °C           AC withstand voltage (wire vire)         2 kV @ 60 s           Power frequency withstand voltage (wire vire)         2 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (fixed)         80 °C           Operating temperature min. (dynamic)         -5 °C           Operating temperature max. (dynamic)         80 °C           Flame resistance         IEC 60332-2-2   UL 1581 § 1990   UL 1581 § 1100 FT2           chemical resistance         Good, application-related testing           Gasoline resistance         Good, application-related testing           Oil resistance         DIN EN 60911-404   Good, application-related testing           Bending radius (installation)         x Outer diameter           Bending radius (installation)         x Outer diameter           Bending radius (dynamic)         10 x Outer diameter           Travel speed (C-track)         5 Mio. @ 25 °C           Connection type 2         Family construction form         free cable end           No. of poles         12           Family construction form         M8	Current load capacity (standard)	to DIN VDE 0298-4
Electrical resistance line constant wire   57 Ω/km @ 20 °C	Current load capacity min. wire	4 A
Electrical resistance coating wire (Data)  AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  40 °C  Max. operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  -5 °C  Operating temperature max. (dynamic)  80 °C  Flame resistance  Elec 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  chemical resistance  Good, application-related testing  Gasoline resistance  Good, application-related testing  Oil resistance  Bending radius (installation)  x Outer diameter  Bending radius (fixed)  7,5 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter  Travel speed (C-track)  5 Mio. @ 25 °C   Connection type 2  Family construction form  M8  Gender  fere cable end  No. of poles  12  Family construction form  M8  Gender  female  Color contact carrier  black  Coding  A  No. of poles  3  PIN 1  +  PIN 3	Current load capacity min. Wire (Data)	12 A
AC withstand voltage (wire - wire)  2 kV @ 60 s  Power frequency withstand voltage (wire - lacket)  2 kV @ 60 s  Min. operating temperature (static)  40 °C  Max. operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  5 °C  Operating temperature max. (dynamic)  80 °C  Fiame resistance  1EC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  chemical resistance  Good, application-related testing  Oil resistance  Oil resistance  DIN EN 60811-404   Good, application-related testing  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (installation)  x Outer diameter  Bending radius (fixed)  7,5 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter  Travel speed (C-track)  5 Mio. @ 25 °C  Connection type 2  Family construction form  free cable end  No. of poles  12  Family construction form  M8  Gender  female  Color contact carrier  black  Coding  A  No. of poles  3  PIN 1  +  PIN 3	Electrical resistance line constant wire	57 Ω/km @ 20 °C
Power frequency withstand voltage (wire - jacket)  Min. operating temperature (static)  Min. operating temperature (fixed)  80 °C  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature description operation operati	Electrical resistance coating wire (Data)	26 Ω/km @ 20 °C
jacket)  Min. operating temperature (static)  Max. operating temperature min. (dynamic)  Operating temperature min. (dynamic)  Operating temperature min. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Operating temperature max. (dynamic)  Bo °C  Flame resistance  IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  chemical resistance  Good, application-related testing  Gasoline resistance  Oil resistance  DIN EN 60811-404   Good, application-related testing  Bending radius (installation)  x Outer diameter  Bending radius (fixed)  7,5 x Outer diameter  Bending radius (dynamic)  10 x Outer diameter  Travel speed (C-track)  5 Mio. @ 25 °C  Connection type 2  Family construction form  free cable end  No. of poles  12  Family construction form  M8  Gender  female  Color contact carrier  black  Coding  A  No. of poles  3  PIN 1  +  PIN 3	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) 80 °C  Operating temperature min. (dynamic) -5 °C  Operating temperature max. (dynamic) 80 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (installation) x Outer diameter  Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -		2 kV @ 60 s
Operating temperature min. (dynamic) Operating temperature max. (dynamic) So °C  Flame resistance IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 Chemical resistance Good, application-related testing Gasoline resistance Oil resistance DiN EN 60811-404   Good, application-related testing Bending radius (installation) x Outer diameter Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form M8  Gender Gender female Color contact carrier black Coding A No. of poles 3  PIN 1 + PIN 3	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic) 80 °C  Flame resistance IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (installation) x Outer diameter  Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -	Max. operating temperature (fixed)	0° 08 °C
Flame resistance IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2 chemical resistance Good, application-related testing  Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (installation) x Outer diameter  Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -	Operating temperature min. (dynamic)	-5 °C
chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404   Good, application-related testing  Bending radius (installation) x Outer diameter  Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Bending radius (dynamic) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -	Operating temperature max. (dynamic)	0° 08 °C
Gasoline resistance Good, application-related testing  Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (installation) x Outer diameter  Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -	Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
Oil resistance DIN EN 60811-404   Good, application-related testing  Bending radius (installation) x Outer diameter  Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -	chemical resistance	Good, application-related testing
Bending radius (installation) x Outer diameter  Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 7,5 x Outer diameter  Bending radius (dynamic) 10 x Outer diameter  Travel speed (C-track) 5 Mio. @ 25 °C  Connection type 2  Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -	Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic)  Travel speed (C-track)  5 Mio. @ 25 °C  Connection type 2  Family construction form  free cable end  No. of poles  12  Family construction form  M8  Gender  female  Color contact carrier  black  Coding  A  No. of poles  3  PIN 1  +  PIN 3  -	Bending radius (installation)	x Outer diameter
Bending radius (dynamic)  Travel speed (C-track)  5 Mio. @ 25 °C  Connection type 2  Family construction form  free cable end  No. of poles  12  Family construction form  M8  Gender  female  Color contact carrier  black  Coding  A  No. of poles  3  PIN 1  +  PIN 3  -	Bending radius (fixed)	7,5 x Outer diameter
Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -	· · ·	
Family construction form free cable end  No. of poles 12  Family construction form M8  Gender female  Color contact carrier black  Coding A  No. of poles 3  PIN 1 +  PIN 3 -	Travel speed (C-track)	5 Mio. @ 25 °C
No. of poles         12           Family construction form         M8           Gender         female           Color contact carrier         black           Coding         A           No. of poles         3           PIN 1         +           PIN 3         -		
Family construction form         M8           Gender         female           Color contact carrier         black           Coding         A           No. of poles         3           PIN 1         +           PIN 3         -	Family construction form	free cable end
Gender         female           Color contact carrier         black           Coding         A           No. of poles         3           PIN 1         +           PIN 3         -	No. of poles	12
Color contact carrier         black           Coding         A           No. of poles         3           PIN 1         +           PIN 3         -	Family construction form	M8
Coding         A           No. of poles         3           PIN 1         +           PIN 3         -	Gender	female
Coding         A           No. of poles         3           PIN 1         +           PIN 3         -	Color contact carrier	black
No. of poles         3           PIN 1         +           PIN 3         -		
PIN 1 + PIN 3 -		
PIN 3 -		
	PIN 4	